



EPA/VOLPE/CDM
Libby Asbestos Project Meeting 11A-4P 10/8/02

1. EPA's Overall Vision for Libby & what Constitutes Success – **CHRISTIANSEN**
2. EPA's Objectives and Schedule for Future Work (Nov 2002 – Dec 2003) & Beyond 2003 – **CHRISTIANSEN**
 - a. Investigations
 - Remedial investigation
 - Remediation decision-making
 - Mine investigation
 - b. Residential and other remediation
 - Residential remediation
 - Mine
 - Others
 - c. Community relations program
 - d. Database
 - e. GIS support
3. Available Contract Vehicles (capacity, duration, scope, type) - **MCGUIGGIN**
 - a. "Construction"
 - Currently available – KUO/salut/ER
 - Active procurements – 8a
 - Planned/potential procurements
4. Volpe Approach to an Efficient Allocation of the Effort base on Jim's Email - **MCGUIGGIN**
 - a. RAC
 - Work plans, SAPs, QAPPs, HASPs, and other planning documents related to INVESTIGATIONS
 - Data validation
 - Data analysis and reporting activities
 - Risk assessments

- b. Volpe
 - Work plans, HASPs, and other planning documents related to REMEDIATION
 - Removal field oversight
 - Investigative field work (make sense b/c resource sharing)
 - Remediation data analysis and reporting activities
 - On-site laboratory support
 - Air sampling support (i.e., PES)
 - Survey support

- c. For Discussion w/ Jim and subsequent decision
 - Community relations support
 - Specialty subcontractor support
 - Design support
 - Fixed-base laboratory support
 - Database support – suggestion production level under RAC, development level under Volpe
 - GIS support – suggestion production level under RAC, development level under Volpe

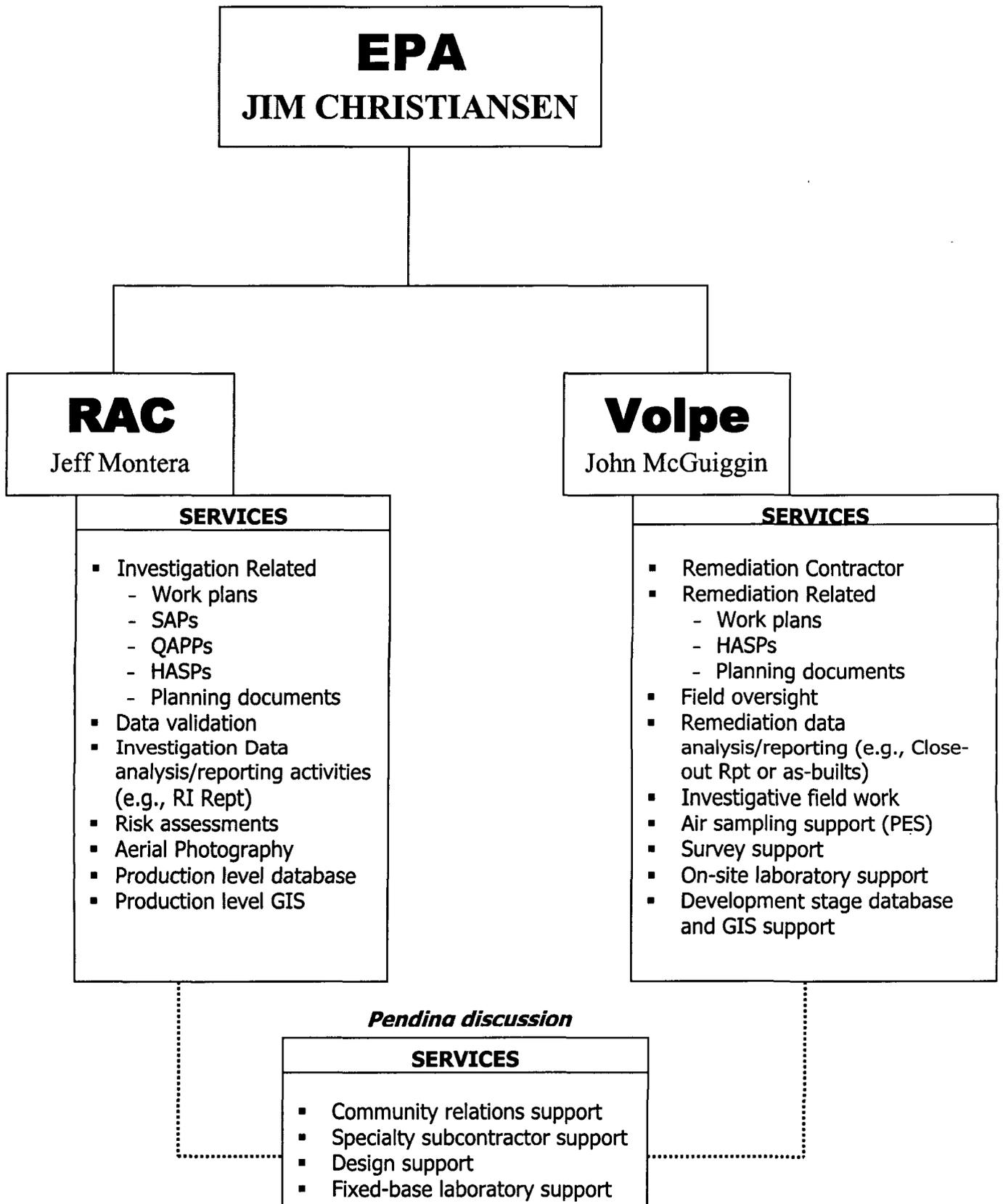
5. Key Staff Resources

- a. Field program – Investigations
- b. Field program – Remediation
- c. Community relations
- d. Database support
- e. Project management, financial management, procurement

② 6. Key Issues - **CHRISTIANSEN**

- a. Planning
- b. Feedback
- c. Contractor competition – risk transfer
- d. Cost efficiency/cost control

SIMPLIFIED ORG CHART



EPA Region 8 Libby Asbestos Project

MEETING AGENDA

October 7, 2002, 8:30 am – 10:45 am

Agenda Item

Database

Remedial Investigation

- Status
- Laboratory TO

Residential Removals/remedial Investigation

- Status
- Next Set of Sites

Other Removals

- Screening Plant
- Flyway
- Middle School
- High School
- Siefke – Need to Complete. Metal Building/Other
- Powers
- MW West

Procurements

- 8(a) Competitive
- Appraisal Services
- Ag Fill/Topsoil
- Additional Rip Rap ???
- PFF in the system

Community Relations

NOTES/ACTION ITEMS

ITEM	CHALLENGE	APPROACH	NOTES/QUESTIONS
1. Teamwork	<p>Maintaining the Team</p> <p>Keeping the Team Fresh</p> <p>Staff transition, inflation, and team chemistry</p>	<p>Begin dialogue with key personnel to determine level and length of commitment.</p> <p>Rotate staff in and out at times.</p> <p>Prior to shifting tasks to certain contract vehicles, insure that key subcontractors can remain on-board (e.g., PES via CDM, laboratories)</p>	
2. Individual Performance	<p>Burnout</p> <p>Competition</p>	<p>Match skills to field requirements and rotate staff in and out.</p> <p>Provide incentive/opportunity to field and office personnel – “Client Commitment”</p>	
3. Flexibility, Coordination, Communication	<p>Maintaining Volpe’s flexibility in light of conservatism and litigation issues.</p> <p>Developing and implementing a plan to alleviate the need for excessive flexibility/coordination/communications</p>	<p>Utilize Acquisition personnel with experience and understanding of contract issues. Pre-plan with Legal/Acquisition</p> <p>Early input for Acquisition and consistent use of contracts by technical personnel.</p>	
4. Community Relations	<p>High Level of Performance</p>	<p>Maintain staff.</p> <p>Keep ahead of issues.</p> <p>Continue good communication strategies and implementation.</p>	

5. Construction OS/Planning	Missed Schedules Experienced Construction OS personnel	Develop and monitor master schedule – Dedicated Person (M. Morris) Dedicated Volpe personnel supplemented by senior/experienced CDM personnel.	
6. Feedback/Communication	Reactionary/No Planning Direct, continuous, expeditious	McGuiggin/Christiansen meeting monthly in Denver/Boston (Requirements/Schedule/Budget)	
7. Planning	No BS Emergency = Lack of Remedial = Lots of		
8. Options	Inflexible Risky Blurs lines of responsibility Excessive coordination (CDM Contract issue)		
9. Lack of contract Competition	Lack of incentive for cost effectiveness. Shift burden to contractors.	More planning/engineering/contracting. Site specific contracting by requirement	Cheap/Fast/Good Theory
10. Contractors running the show	Burdensome and time-consuming for oversight personnel and contract personnel.	Contract type and on-Site personnel will influence	Check out Steve Weis site specific contract for basin.
11. Too many contractors working at once	Administratively burdensome		
12. Work Redistribution	Some changes	Determine what the changes are now so that we can transition smoothly.	

	Blurs lines of responsibility		
13. Workload			
14. Organizational Focus			
15. Planning			
16. Jim's Management	Jim needs to track performance, costs, schedule, etc., just like the rest of the managers. We need to make this process easy for him.	Review current management tools (progress reports, schedules, teleconference schedules, etc.) to determine effectiveness and necessary changes.	
17. Work and Resources in Denver	Jim needs access to folks developing products Jim needs to frequently meet with his key personnel and managers	RAC contract and Volpe Contract can utilize personnel in Denver. See No. 6.	

LIBBY CONTRACT APPROACH

Requirements:

Options:

Timeline:

Volpe Center A/E Contract w/ Volpe:

Uses:

MILESTONES

Short-Term

Continue moving forward on site-specific work plans
Develop statements of work and move forward with contracting activity
Develop and begin to monitor master schedule

Long-Term

VISION

Libby Construction Closeout by 2004

First Steps:

- Appropriate sampling activities are conducted.
- Prepare Comprehensive and Site-Specific Work Plans.
- Prepare PR, budget estimate and schedule.

Exterior Removals:

Excavation:

- Via Volpe contract w/ remediation company – cost *plus fixed fee* (based on work plans).

Engineering Controls:

- Set up exclusion zones and decon area
- Perimeter air monitoring

Restoration:

- Fill & topsoil via Volpe contract w/ local vendor – *unit cost (per cubic yard/ton)*.
- Landscaping via subcontractors through Volpe remediation contractor.

Interior Removals:

Engineering Controls:

- Set up poly and decon
- Perimeter and personal air monitoring

Insulation Removal:

- Attic and wall vermiculite containing insulation removal.

Interior Dust Removal:

- HEPA Vacuuming, wet-wiping

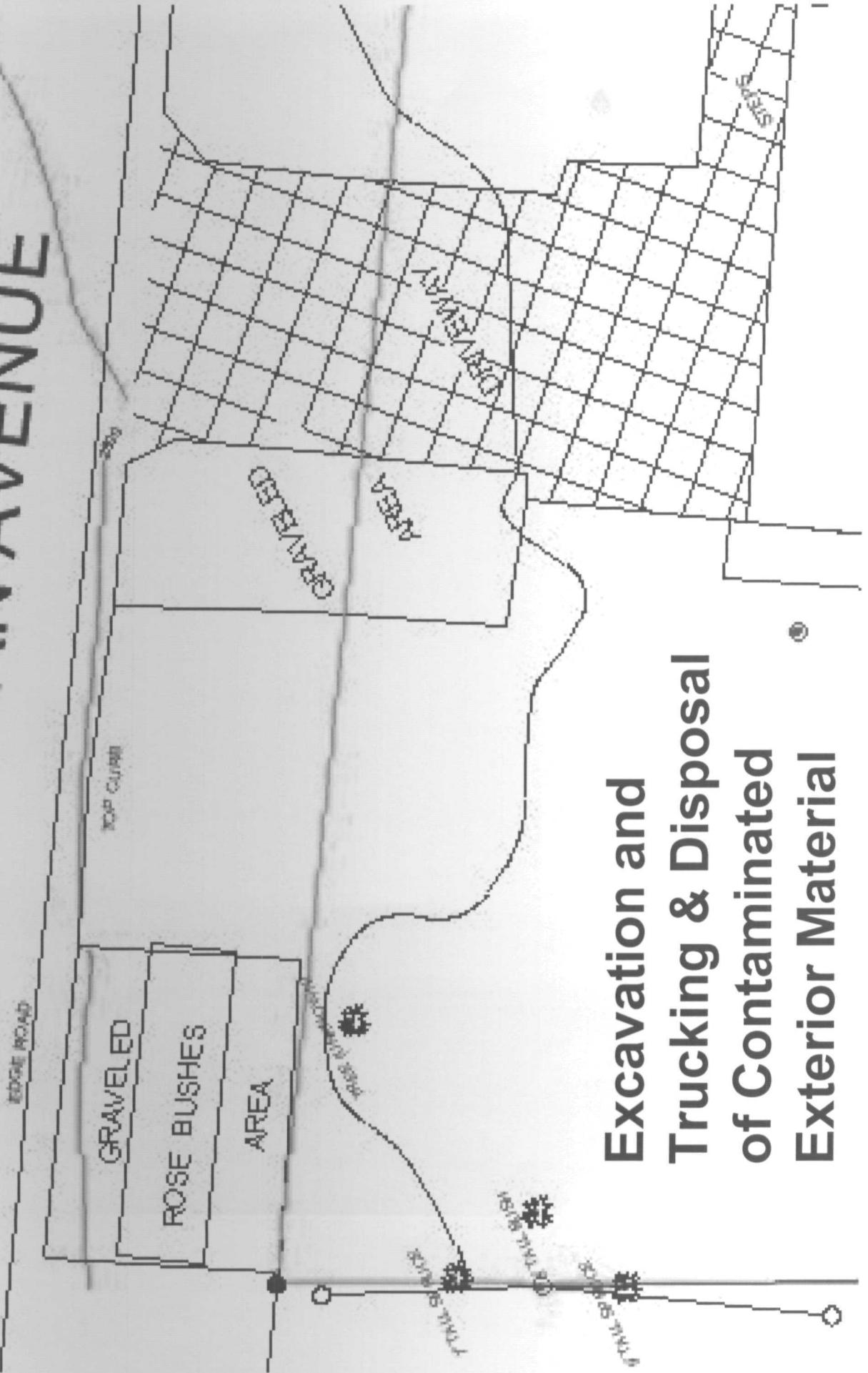
Restoration:

- Fill & topsoil via Volpe contract w/ local vendor – *unit cost (per cubic yard/ton)*.
- Landscaping via subcontractors through Volpe remediation contractor.

T&D:

- Volpe contract w/ local T&D company – *unit cost (per load/mile)*.
- Exterior waste hauled to the mine for disposal.
- Interior waste hauled to the landfill for disposal.

NORMAN AVENUE

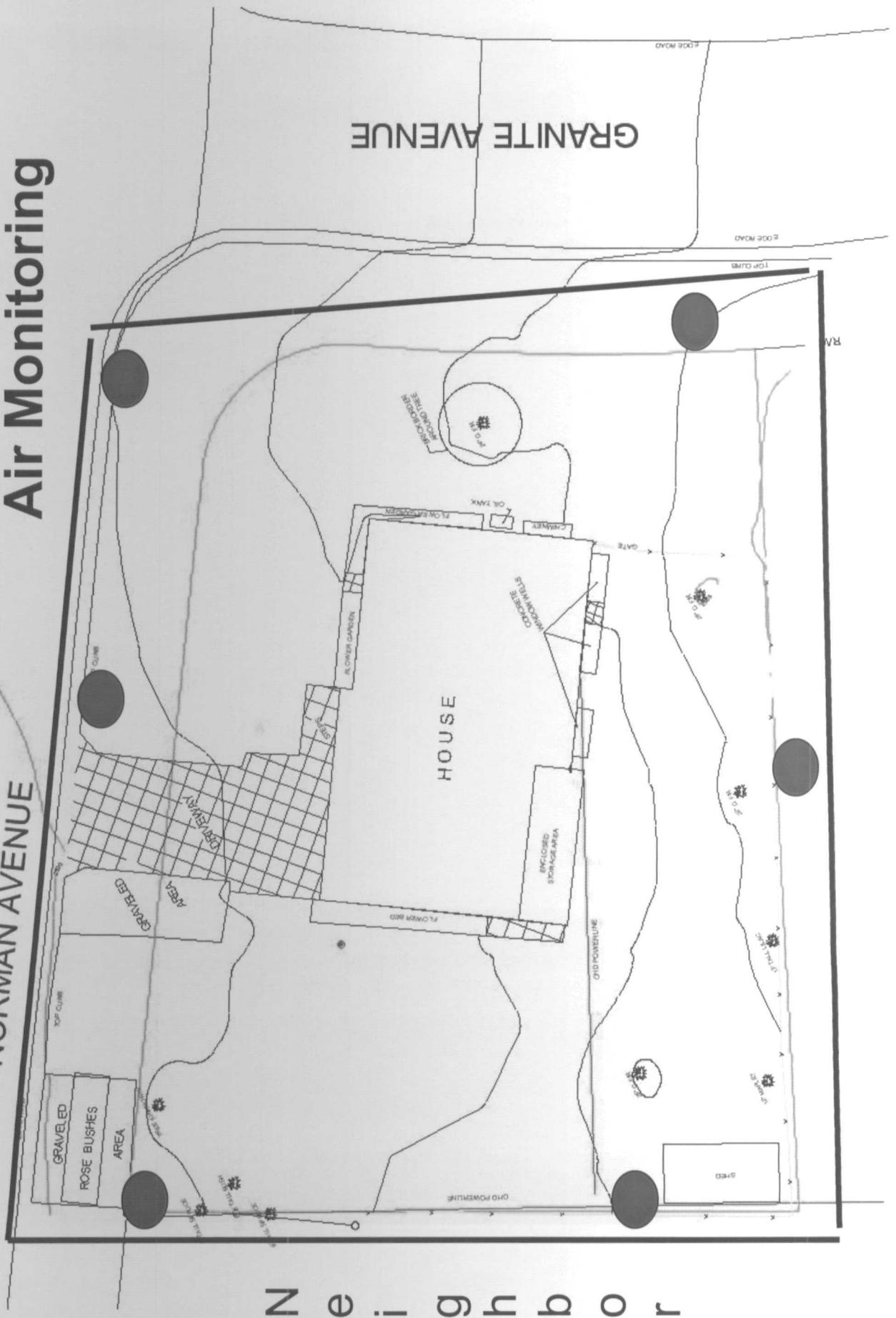


Excavation and Trucking & Disposal of Contaminated Exterior Material

Conduct Perimeter Air Monitoring

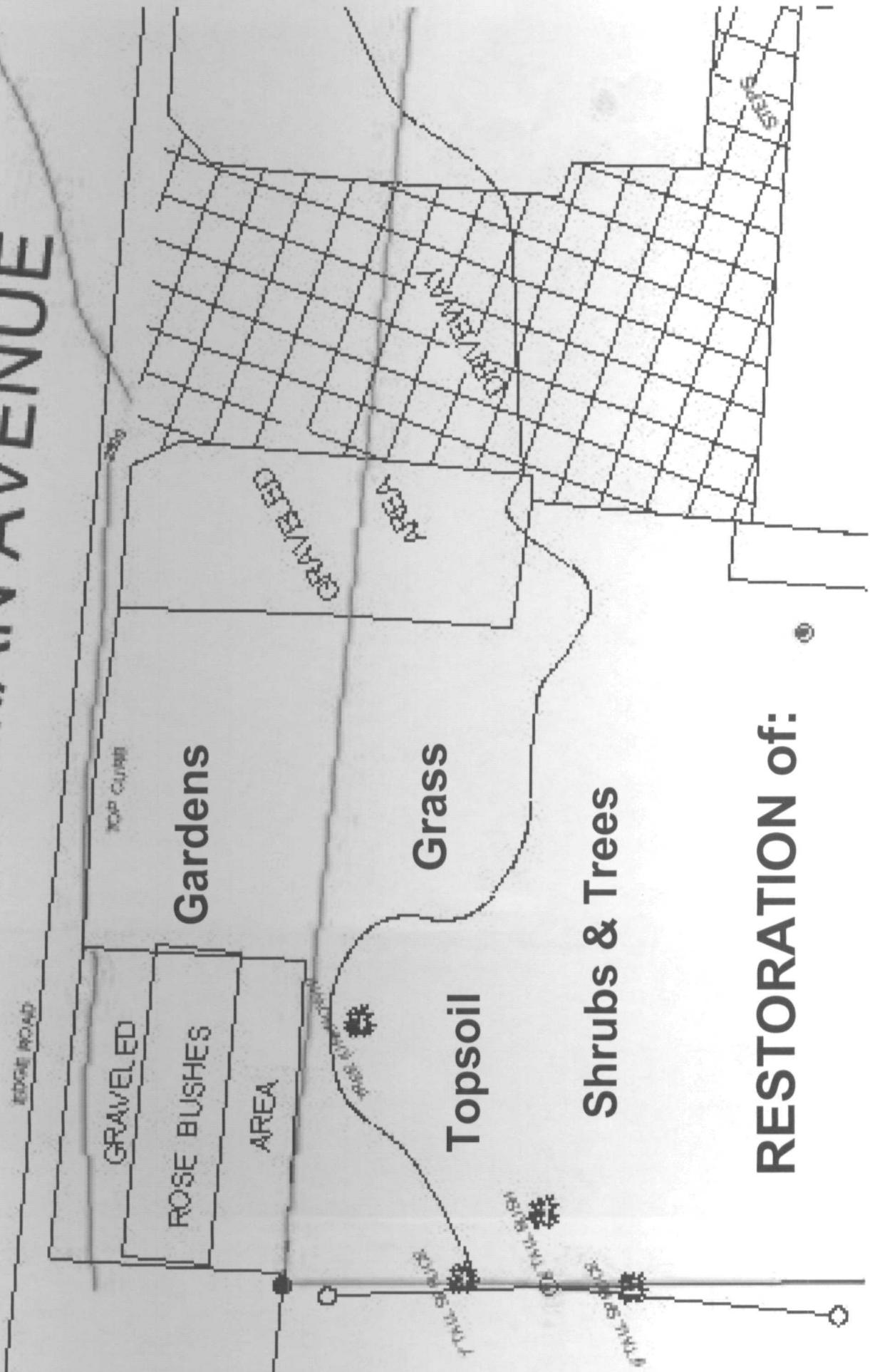
NORMAN AVENUE

GRANITE AVENUE



N e i g h b o r

NORMAN AVENUE



RESTORATION of:

Interior ZAI Removal

• Attic

HOUSE

Walls



FLOWER GARDEN

FLOWER GARDEN

FLOWER BED

OIL TANK

CHIMNEY

GATE

CONCRETE
WORKING WELLS

ENCLOSED
STORAGE AREA

CHD POWERLINE



PROCP
PROCP

20' DIA
WELL

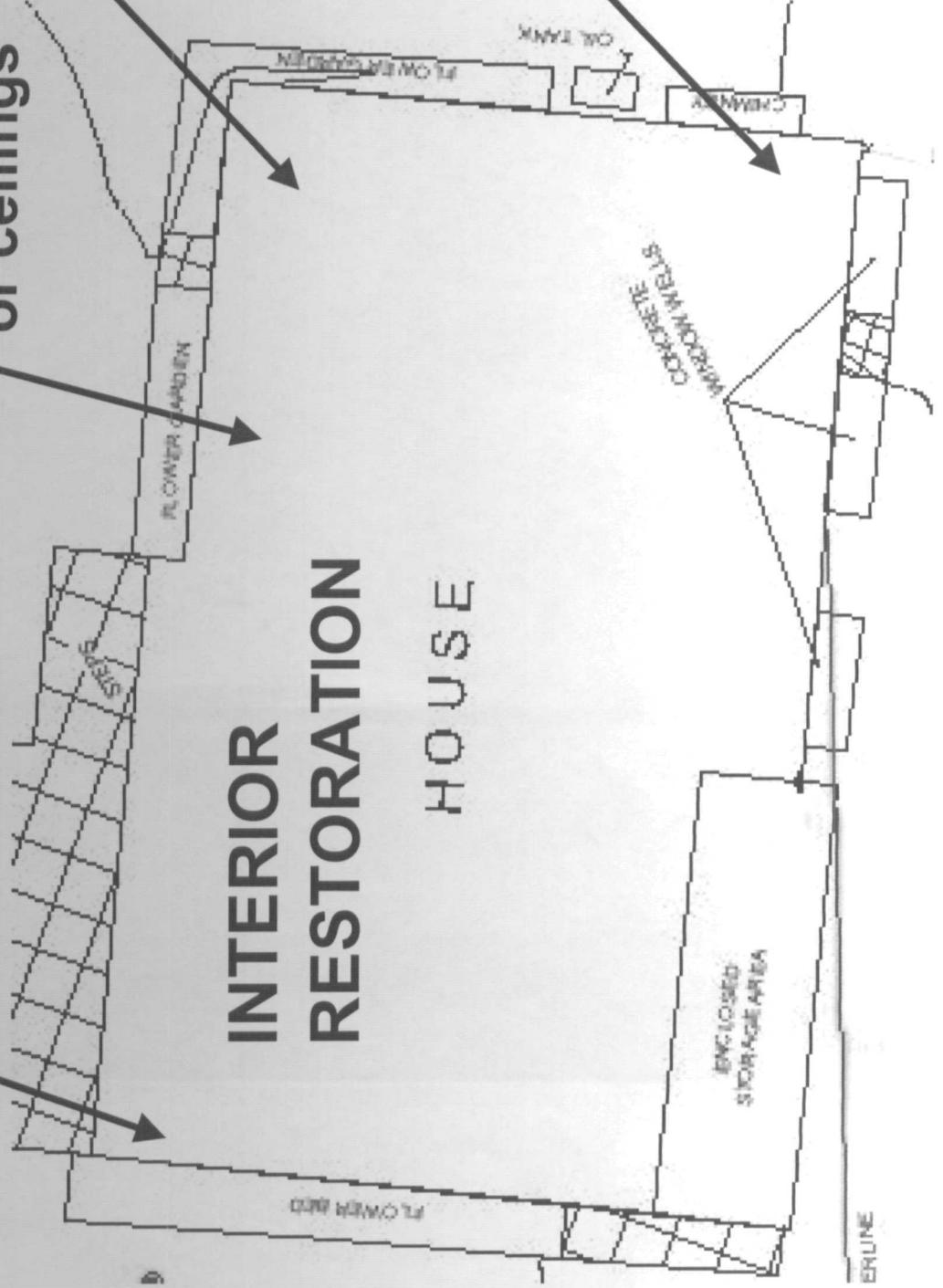
**Interior
Painting**

**Patch any
wallboard
or ceilings**

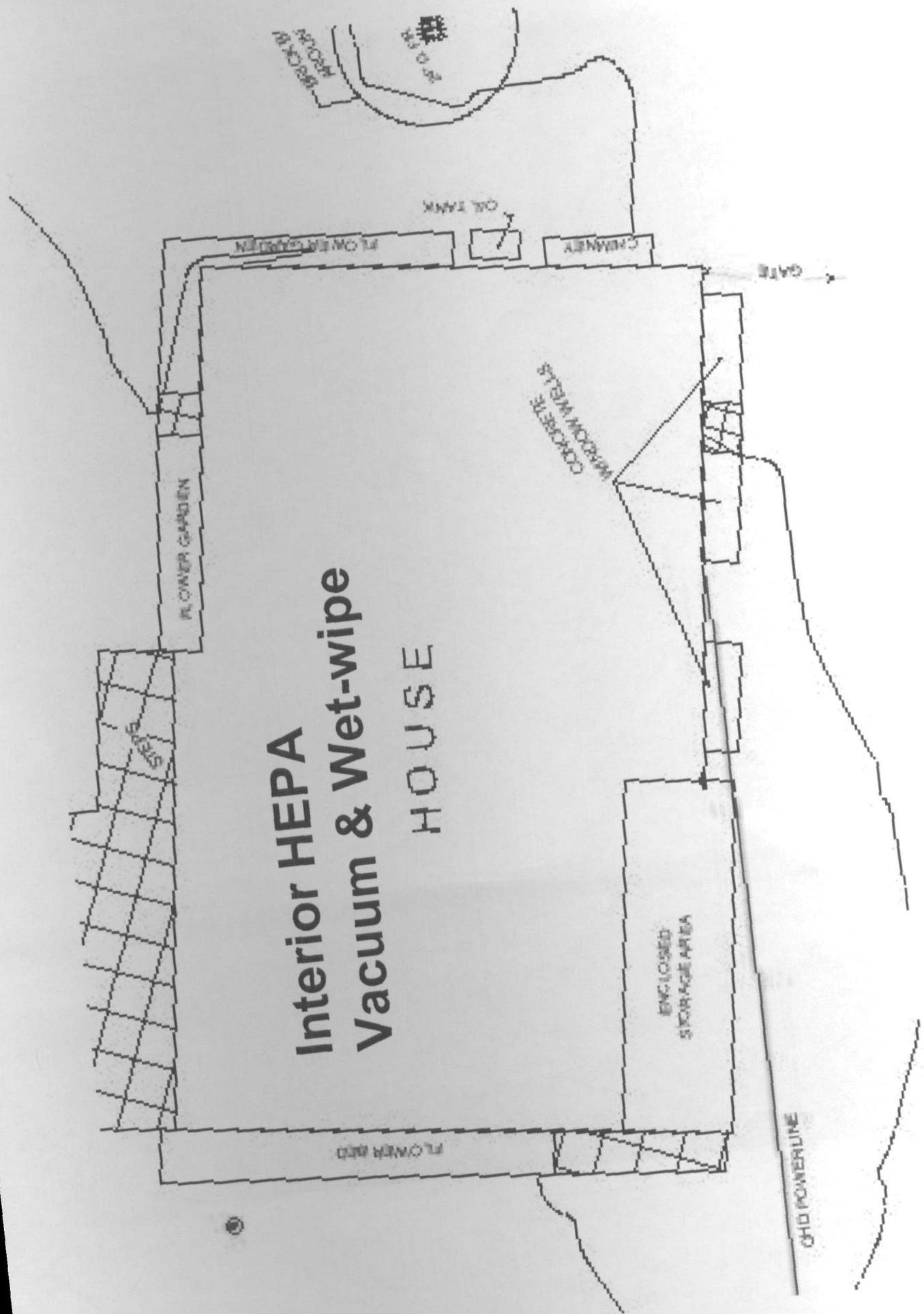
**Insulation
Replacement**

**Carpet
Replacement**

INTERIOR RESTORATION HOUSE

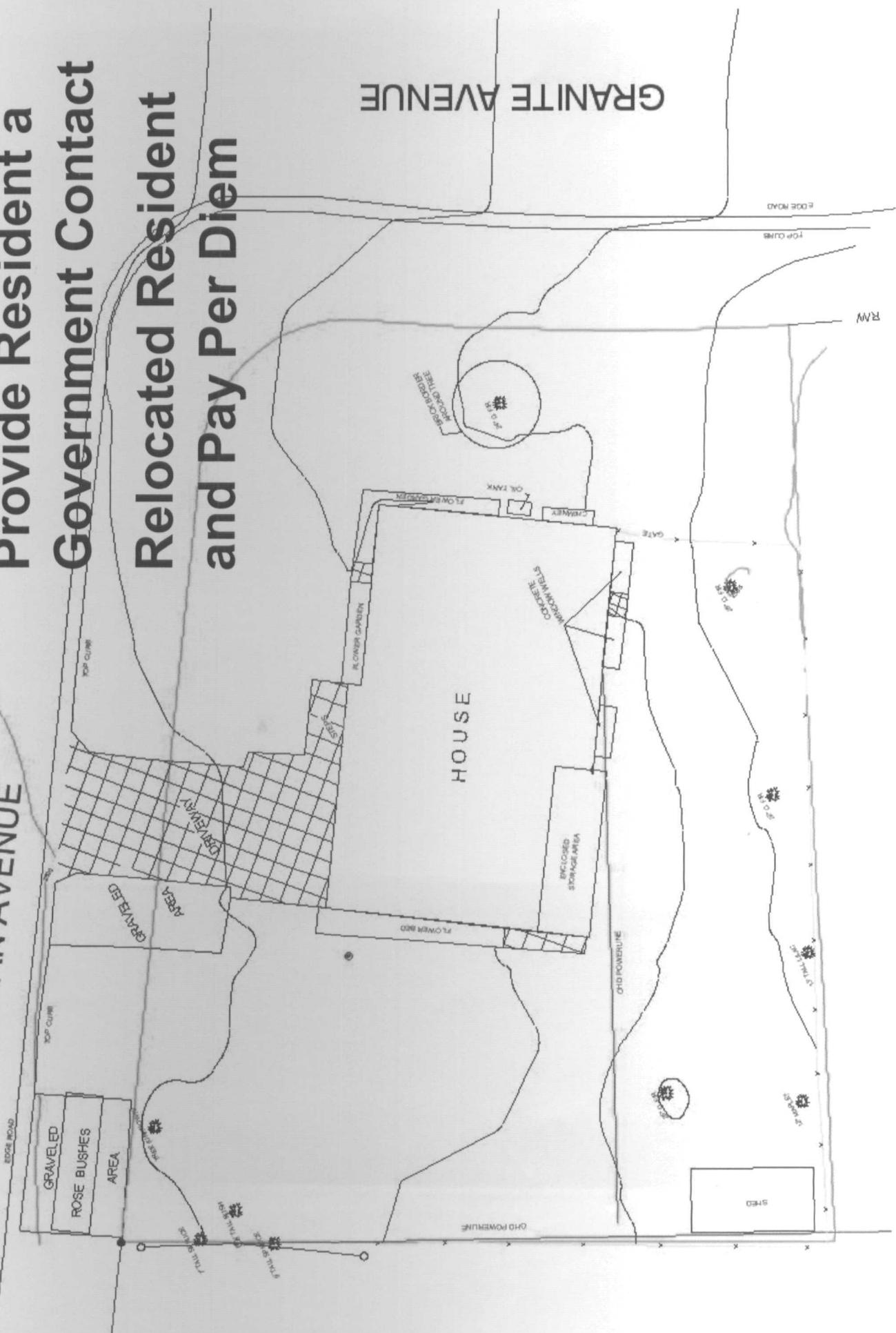


Interior HEPA Vacuum & Wet-wipe HOUSE



NORMAN AVENUE

Provide Resident a Government Contact Relocated Resident and Pay Per Diem



Resident Specifics:

Payment to Residents

- Volpe directly via finance

Relocation of Residents

- Volpe contracts w/ local hotels

Site Security

- Volpe contract w/ security (hours & expenses)

Work Plan Development:

1.0 Introduction

2.0 Property Background

3.0 Exterior Removal

– 3.1 Site Visit

– 3.2 Property Survey

– 3.3 Additional Soil Sampling

– 3.4 Excavation

4.0 Interior Removal

– 4.1 Vermiculite Containing Insulation Removal

– 4.2 Interior Dust Removal

5.0 Resident/Property Owner Approval

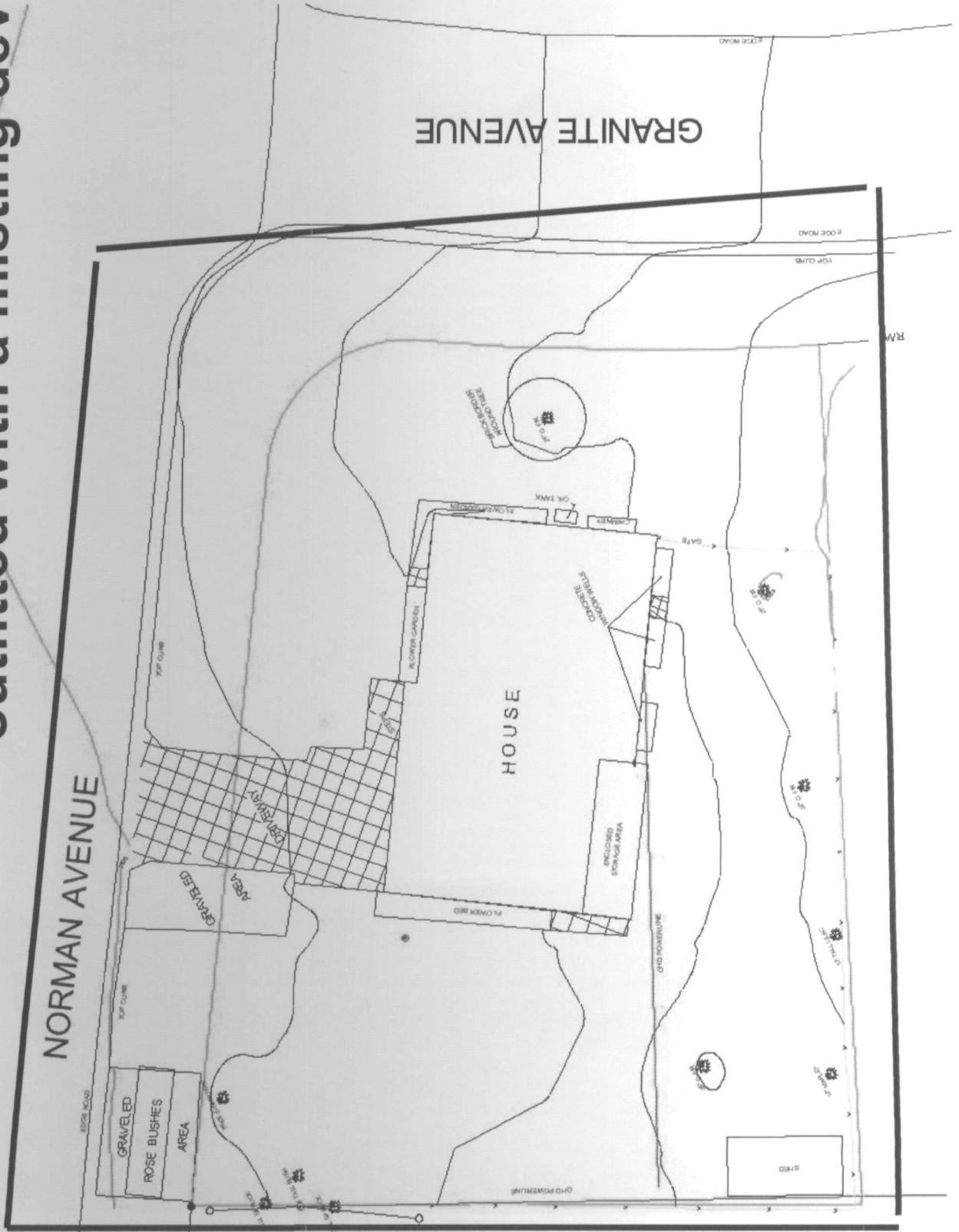
6.0 References

Work Plan Unknowns:

Efforts Contracting

- Volumes of soil and insulation (estimated).
- Presence of wall insulation?
- Extent of contamination.
- Level of restoration required (interior patching, wall replacements, structural repair, etc.).
- Items that need to be disposed of/replaced need to be discussed with residents.
- Actual time needed to complete remediation/restoration.

Surround site with poly lined fence outfitted with a misting device



N e i g h b o r